

$^{47}\text{Fe}$        $Z = 26$        $N = 21$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE      =      366.130 (-0.517) MeV

Qbeta+ =      15.447 ( 0.518) MeV

	Energy T	J+	J-	J-other	T1/2
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47FE	1		0.000	(7/2-)	1 21.8 MS 7

S-p      =      1.990 (-0.524) -----  
S-n      =      16.392 (-0.609) -----  
S-2p     =      2.182 (-0.518) -----  
S-2n     =      37.675 (-0.583) -----  
S-alpha=    7.594 (-0.560) -----

S+p      =      1.570 (-0.705)  
S+n      =     -18.961 (-0.525)  
S+2p     =      1.080 (-0.783)  
S+2n     =     -33.774 (-0.518)  
S+alpha   =     -6.944 (-0.726)

gap p     =      3.560 ( 0.879)  
gap n     =     -2.569 ( 0.804)  
gap 2p    =      3.262 ( 0.939)  
gap 2n    =      3.901 ( 0.780)  
gap alpha =      0.650 ( 0.917)